

TELEM-GSM/GPRS Modem Quad Band 850/900/1800/1900 MHz

TELEM-GSM/GPRS modem - Quad Band (850/900/1800/ 1900) with TCP/IP stack inside and Python script.

TELEM- GSM/GPRS is the ready solution for all your M2M wireless applications using GSM/GPRS.

Product Features

- Designed for Industrial Applications
- Low power consumption
- Control via AT commands
- Embedded TCP-IP stack and DNS query protocol
- Run your own Python scripts, 3 MB FLASH memory available
- Integrated SIM card reader
- Quad band 850/900/1800/1900 MHz
- Output Power: Class 4 (2W) at GSM 900 MHz,
Class 1 (1W) at GSM 1800/1900 MHz
- Operating temperature range: -20°C - +70°C

Interfaces

- 3V UICC SIM card interface
- RF connector, external antenna port SMA/M
- RS-232, RJ-45, 2500 V isolation
- 4 digital outputs, relays max. 1A 24V DC
- 4 digital inputs

Electrical

- Supply Voltage 10-50V, 2500 V isolation
- Power Consumption: < 5 W

Mechanical

- Dimension: 125x105x25mm
- Weight: 260 g
- Mounted to DIN rail

SMS

- SMS Mobile Originated (MO)/Terminated (MT)
- SMS Cell Broadcast (CB – DRX)
- EMS (concatenated messages)

Data

- Circuit Switched Data (CSD) up to 14.4 kbps
- GPRS Class 8/10 up to 85.6 KBps (class 10 - QUAD)
- Coding schemes CS1 to CS4
- PBCCH support
- MS class B

GSM Supplementary Services

- Call Barring & Call Forwarding
- Advice of Charge
- Call Waiting & Call Hold
- Calling Line Identification Presentation (CLIP)
- Calling Line Identification Restriction (CLIR)
- Unstructured SS Mobile Originated Data (USSD)
- Closed User Group

